## AMENDMENTS TO THE CLAIMS

1. (**Currently Amended**) An apparatus for treating diseased skin with ultraviolet (UV) light, the apparatus comprising:

a source of UV light within the range of 300 and 315 nanometers; and

a cooler for cooling the diseased skin to below about 0 °C.

2. (**Currently Amended**) An apparatus for treating an area of diseased epidermal tissue with ultraviolet UV light, the apparatus comprising:

a source of high intensity ultraviolet light equal to or greater than about 1 minimum erythema dose (MED) in the wavelength range of between about 300 and 315 nanometers having an output for emitting the UV light;

a conduit positioned to receive said ultraviolet light, said conduit having an output end that emits said UV light;

a delivery device that includes said output end of said conduit; and

a cooler included in said delivery device configured to cool the skin to to substantially lower than about 34 °C.

3. (**Original**) The apparatus of Claim 2, wherein said delivery device has a localized UV output sufficiently small to illuminate a portion of skin no larger than said area of diseased epidermal tissue.

4. (**Currently Amended**) A method for treating an epidermal region comprising diseased tissue, the method comprising:

cooling the diseased tissue to below about 5 °C and exposing the diseased tissue in said epidermal region to a dosage of ultraviolet light equal to or greater than about 1 minimum erythema dose (MED) in the wavelength range of between about 300 and 315 nanometers.

5. (**New**) The apparatus of Claim 1, wherein the source of UV light comprises an excimer laser.

6. (**New**) The apparatus of Claim 1, wherein the source of UV light has central operating wavelength at about 308 nm.

7. (**New**) The apparatus of Claim 1, wherein the cooler comprises jets configured to spray the skin with a cool liquid, gas, or air.

8. **(New)** The apparatus of Claim 1, wherein the cooler comprises a chilled UV transparent substrate.

9. **(New)** The apparatus of Claim 8, wherein the cooler further comprises a thermoelectric cooler.

10. **(New)** The apparatus of Claim 1, wherein a cooler is configured to cool the diseased skin to below about -5 °C.

11. **(New)** The apparatus of Claim 2, wherein the source of high intensity ultraviolet light comprises an excimer laser.

12. **(New)** The apparatus of Claim 2, wherein the source of high intensity ultraviolet light has a central output wavelength of about 308 nm.

13. **(New)** The apparatus of Claim 2, wherein the cooler comprises a channel configured to spray the skin with a cool liquid, gas, or air through an opening therein.

14. **(New)** The apparatus of Claim 2, wherein the cooler comprises a chilled UV transparent substrate.

15. **(New)** The apparatus of Claim 2, wherein a cooler is configured to cool the diseased skin to below about -5 °C.

16. **(New)** The method of Claim 4, wherein the epidermal region exposed to ultraviolet has an area between about 1 $cm^2$ and about 4 $cm^2$.

17. **(New)** The method of Claim 4, wherein cooling comprises spraying the skin with a cool liquid, gas, or air.

18. **(New)** The method of Claim 4, wherein cooling comprise contacting the diseased tissue with a chilled surface.

19. **(New)** The method of Claim 4, wherein the diseased tissue is cooled to below about 0 °C.

20. **(New)** The method of Claim 4, wherein the diseased tissue is cooled to below about -5 °C.